

KHMELEVA, N.N.

Accumulation of radioactive isotopes of strontium, calcium,  
yttrium and cerium in amphipods. Radiobiologiya 2 no.6:  
944-946 '62 (MIRA 16:11)

1. Zoologicheskii institut AN SSSR, Leningrad.

\*

USSR/Geology - Erosion

Card 1/1 Pub. 45 - 11/17

Authors : Lidov, V. P.; Dik, N. Ye.; Nikolaevskiy, Ye. M.; Setunskaya, L. Ye.;  
and Khmolevaya, N. V.

Title : Classification of recent linear forms of erosion

Periodical : Izv. AN SSSR. Ser. geog. 3, 91-99, May - Jun 1954

Abstract : A study is made of the work of classifying forms of erosion along the following basic lines: establishing qualitative differences of the different types of forms depending on the intensity of the erosion processes, distinguishing between the types of forms in accordance with the stage of development in evolutionary sequence and showing the nature of the interacting processes on the hilges and slopes of the forms. Five USSR references (1950-1952). Tables.

Institution: .....

Submitted: .....

LIDOV, V.P.; DIK, N.Ye.; NIKOLAYEVSKAYA, Ye.M.; KHMELEVA, N.V.

Still more about boundaries of geographical regions. Izv.Vses.  
geog.ob-va 86 no.1:57-66 Ja-F '54.

(MLRA 7:2)

(Geography)

*Khmeleva, N.V.*  
USER/ Geography

Card 1/1      Pub. 45 - 3/14

Authors : Nefed'yeva, Ye. A., and Khmeleva, N. V.

Title : Certain results of studying linear erosion forms in the laboratory

Periodical : Izv. AN SSSR. Ser. geog. 6, 25 - 31, Nov-Dec 1955

Abstract : Certain scientific-laboratory results obtained in studying the linear forms of erosion are described. Six USSR references (1947-1953). Diagrams.

Institution : Acad. of Sc., USSR, Inst. of Geography, Geographic Faculty at the Moscow State University

Submitted : .....

USSR/Geophysics - Geography of Rivers  
*Khmeleva, N. V.*

FD-1690

Card 1/1 : Pub. 129-15/25

Author : Makhavayev, N. I.; Kapitsa, A. P.; and *Khmeleva, N. V.*

Title : Experimental investigation of the processes governing the development of the longitudinal profile of a river (preliminary account)

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, Vol. 10, 139-152, Feb 1955

Abstract : The author attempts to establish the influence, upon the development of the longitudinal profile and upon the formation of terraces of river valleys, of variations of saturation of streams by alluvia; to investigate the peculiarities of the variations for fluctuations of the principal basis of erosion of a river system and the form of the terraces occurring under these conditions; and to determine the nature of the influence upon the longitudinal profile of reservoirs constructed in the middle reaches of the river. No references.

Periodical : Chair of Geomorphology

Submitted : October 26, 1954

LIDOV, V.P., SETUNSKAYA, L.Ye., KHMELEVA, N.V.

Quantitative studies of micro-relief associated with soil erosion.  
Izv.Vses.geog.ob-va 87 no.6:542-546 N-D '55. (MLRA 9:3)  
(Erosion)

MEPEDIYEVA, Ye.A.; KHMISLEVA, N.V.

Study of eroded forms of the relief by the experimental method.  
Trudy Inst.geog.68:5-36 '56/ (MIRA 9:9)  
(Erosion) (Physical geography--Electromechanical analogies)

MAKRAVEYEV, N.I.; KHMELEVA, N.V.

Result of laboratory analyses of the silting process in reservoirs;  
summary of the report. Trudy Lab. ozeroved. 7:91 '58. (MIRA 11:10)

1. Moskovskiy gosudarstvennyy universitet.  
(Reservoirs) (Silt--Analysis)



KHMELEVA, N. V.: Master Geogr Sci (diss) -- "Experience in studying the processes of accelerated erosion by the quantitative method under field and laboratory conditions (The example of forms created by temporary streams)". Moscow, 1959. 16 pp (Moscow Order of Lenin and Order of Labor Red Banner State U in M. V. Lomonosov), 150 copies (KL, No 14, 1959, 118)

LIDOV, V.P.; DIK, N.Ye.; NIKOLAYEVSKAYA, Ye.M.; KHMELEVA, N.V.

Bottom gullies and their development; based on studies in  
key areas of the right banks of the Don. Trudy Inst. lesa 44:  
103-137 '59. (MIRA 12:9)  
(Don Valley—Erosion)

MAKKAVEYEV, N.I., prof.; KIMELEVA, N.V.; ZAITOV, I.R.; LEBEDEVA, N.V.;  
MEDVEDEV, V.S.; LAZAREVA, L.V., tekhn. red.

[Experimental geomorphology] Eksperimental'naia geomorfologiya.  
By N.I.Makkaveev i dr. Moskva, Izd-vo Mosk. univ., 1961. 193 p.  
(MIRA 15:1)

(Geological research)

MAKKAVEYEV, N.I.; KHMELEVA, N.V.

Laboratory studies on the influence of tectonic movements on  
river valley formation. Izv. AN SSSR. Ser. geog. no. 4:110-117  
Jl-Ag '61. (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
(Geology, Structural) (Valleys)

KHMELEVA, N.V.; BORSUK, O.A.

Types of gullies in the middle section of the Akbura Valley. Vest.  
Mosk. un. Ser. 5:Geog. 18 no.2:44-49 Mr-Apr '63. (MIRA 16:3)

1. Kafedra geomorfologii Moskovskogo universiteta.  
(Akbura Valley--Erosion)

FEDOSEYEVA, T.P.; KHMELEVA, N.V.

Influence of natural conditions and the use of land for farming  
on the erosional processes of the Orel-Samara interfluvium. Vest.  
Mosk. un. Ser. 5: Geog. 20 no.1:19-26 Ja-F '65. (MIRA 18:3)

1. Kafedra geomorfologii i kafedra ekonomicheskoy geografii  
SSSR Moskovskogo universiteta.

3(7)

**AUTHORS:** Sitnik, G.P. and Khmeleva, R.N. SOV/33-35-6-14/18

**TITLE:** Some Conclusions Derived from Observations of the Coefficient of Transparency of the Earth's Atmosphere at Kuchino

**PERIODICAL:** The authors discuss the results of photoelectric observations of solar halos and of the coefficient of transparency  $p$  of the earth's atmosphere carried out since 1947 by Ye.V. Pyaskovskaya - Fesenkova at Kuchino. The mean value of  $p$  is given for two effective wavelengths ( $\lambda_{\text{eff}} = 5493 \text{ \AA}$  and  $= 6635 \text{ \AA}$ ) on steady days with a small scattering coefficient. It has been concluded from a comparison with meteorological data that the optical properties of the earth's atmosphere in their stability at the place of observation essentially depend on the conservation of the type of the air mass. The authors mention an antiquated method due to V.G. Fesenkov, [Ref 3].

Card 1/e

**PERIODICAL:** Astron. zhur. 35, no. 6, 932-35, N-D '58

**ASSOCIATION:** State Astronomical Inst. im. P. K. Shternberg

23930  
S/035/61/000/006/C12/044  
A001/A101

3,1510

AUTHOR: Sitnik, G.F., Khmeleva, R.N.

TITLE: The results of measuring the circumsolar aureole and transparency coefficient with an aureole photometer

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 6, 1961, 26, abstract 6A228 ("Soobshech. Gos. astron. in-ta im. P.K. Shternberga", 1960, no. 109, 28 - 62)

TEXT: The authors describe the results of observations of circumsolar aureoles at the Kuchino Astrophysical Observatory. The observations were carried out with a V.G. Fesencov aureole photometer equipped with racks for micrometric shifts of the tube along the height and azimuth. A green and red light filter were used to single out spectrum sections with effective wavelengths  $\lambda_{5493}$  and  $\lambda_{6635}$ . The results of measuring the radiation flux  $F_n$  from the aureole and  $F_0$  from the Sun make it possible to find scattering coefficient  $\mu$  per unit of atmospheric mass  $m$  by the formula:  $\mu = F_n/F_0$  m. If  $\mu$  is constant, according to criterion of V.G. Fesencov and Ye.V. Pyaskovskaya-Fesencova, the atmosphere is stable. Practically, at fluctuations of  $\mu$  not exceeding 9%, the atmosphere was considered to be stable.

Card 1/3



23930

8/035/61/000/006/012/044  
A001/A101

The results of measuring ...

The authors present graphs of different degrees of stability. In correspondence with data of V.B. Nikonov and Ye.V. Pyaskovskaya-Pesenkova, relative aureole was the best stability criterion. Simultaneously were carried out observations of coefficients of atmospheric transparency which were compared with data of meteorological observations. Dependent on the direction of air masses, all observation days can be divided into two groups: 1) air masses come from the north, north-west and north-east directions; 2) air masses come from all other directions. It follows from the tables presented that air masses of northern directions have small values of  $\mu$  and transparency coefficients  $p$  have near values. For south eastern and western air masses stable days can be divided into two groups: 1)  $\mu \leq 0.3$  and 2)  $\mu > 0.3$ . In the first case coefficient  $p \approx 0.790$  at  $\lambda_{ef} 5493$  and  $p \approx 0.870$  at  $\lambda_{ef} 6635$ . At  $\mu > 0.3$ ,  $p$  is considerably smaller and root-mean-square error of an individual measurement is greater. Particular cases of observations of air mass movements and optical stability of the atmosphere are considered. The most of unstable days occur when air masses are changed. If the type of air masses is preserved, a stability of optical properties can be expected. The presence of a frontal zone or a front is associated with optical instability. The instability deter-

Card 2/3

23939

S/035/61/000/006/012/044  
A001/A101

The results of measuring ...

mined at Kuchino is due to effects of local conditions. Mainly, however, disturbances of stability are connected with changes of air masses or their type.

G. Livshits

[Abstracter's note: Complete translation]

Card 3/3

KHMELEVA, S.

Relying on the actively interested group. Prom. koop. 12 no.3:8  
Mr '58. (MIRA 11:3)

1. Bibliotekar' arteli "Mostrikovyas'".  
(Libraries, Special)

*Khmeleva, T.G.*

USSR / General Division, Problems of Teaching

A-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 164

Author : ~~Khmeleva, T.G.~~, Dushutina, K.I.

Inst : Not Given

Title : Some Observations on the Life of Nutria in Laboratory Conditions

Orig Pub : Sb. stud. rabot fak. estastvozn. Kurskogo gos. ped. in-ta, 1956,  
vyp. 1, 88-91

Abstract : No abstract

Card : 1/1

KLUTS, L.; KOTLYAR, L.; CHUGUNKIN, P.; SURAY, I.; KHMELEVA, V.

"You live wonderfully, comrades!" Okh.truda i sots.strakh. no.1:  
48-49 Ja '60. (MIRA 13:5)

1. Reydovaya brigada zhurnala "Okhrana truda i sotsial'noye strakhovaniye" (for all).
2. Tekhnicheskii inspektor Moskovskogo gorodskogo soveta profsoyuzov (for Kluts).
3. Inzhener po tekhnike bezopasnosti Rostokinskogo mekhovogo kombinata (for Kotlyar).
4. Obshchestvennyy inspektor okhrany truda mekhanosborochbinata (for Kotlyar).
4. Obshchestvennyy inspektor okhrany truda mekhanosborochnogo tsekha zavoda "Elektroschetchik" (for Chugunkin).
5. Obshchestvennyy inspektor okhrany truda Vtorogo trolleybusnogo parka (for Suray).
6. Spetsial'nyy korrespondent zhurnala "Okhrana i truda i sotsial'noye strakhovaniye" (for Khmeleva).

(Moscow--Trolley buses)

SAPRONOVA, M.; TRAPEZNIKOV, A.; SOBOLEVA, Ye.; ZAYTSEV, I.; KHMELEVA, V.

Today you hibernate, tomorrow you rush. Okhr. truda i sots.  
strakh. 4 no.8:20-23 Ag '61. (MIRA 14:11)

1. Zaveduyushchaya zdavpunktom zavoda khimicheskogo machinostroyeniya, g. Yaroslavl' (for Sapronova). 2. Vneshtatnyy tekhnicheskyy inspektor Yaroslavskogo Dorozhnogo komiteta professional'nogo soyuza rabotnikov zheleznodorozhnogo transporta (for Trapeznikov). 3. Zamestitel' predsedatelya zavodskogo komiteta shinnogo zavoda, g. Yaroslavl' (for Soboleva). 4. Glavnyy inzh. Yaroslavskogo oblastnogo otdela zdravookhraneniya (for Zaytsev). 5. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye", g. Yaroslavl' (for Khmeleva).

(Yaroslavl Province—Hospitals—Construction)

VISHNEVSKAYA, A.; FROLOVA, V.; KURILOV, V.; CHUBCHENKO, F.; KHMELEVA, V.

When Ivan points at Foma. Okhr. truda i sots. strakh. 5 no.6:31-33 Je  
'62. (MIRA 15:7)

1. Doverennyy vrach Orlovskogo oblastnogo soveta profsoyuzov (for Vishnevskaya).
2. Profsoyuznyy organizator grupp tsekha No.3 Kurskoy obuvnoy fabriki (for Frolova).
3. Korrespondent gazety "Kurskaya pravda" (for Chubchenko).
4. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye" (for Khmeleva).  
(Kursk Province—Hospitals—Construction)

BIRYUKOVA, N.,; CHERNYAK, A., vrach; GRACHEVA, A., strakhovpy  
delegat; KULAKOVA, V., tkachikha; KONSTANTINOVA, N., doverennyy  
vrach; KHMELEVA, V.

Payments out of state funds are not "a burden." Okh.truda i  
sots.strakh. 5 no.1:24-25 Ja '62. (MIRA 15:2)

1. Zamestitel' nachal'nika medsanchasti Gus'-Khrustal'nogo  
zavoda imeni Dzerzhinskogo (for Biryukova). 2. 2-ya  
Kovrovskaya bol'nitsa (for Chernyak). 3. Vladimirsкая  
kontora svyazi (for Gracheva). 4. Karabanovskiy tekstil'nyy  
kombinat (for Kulakova). 5. Moskovskiy gorodskoy sovet  
professional'nykh soyuzov (for Konstantinova). 6. Spetsial'nyy  
korrespondent zhurnala "Okhrana truda i sotsial'noye  
strakhvaniye" (for Khmeleva).  
(Vladimir Province—Medicine, Industrial)



KHMELEVA, V.

In the distant Khakass steppe. Okhr, truda i sots. strakh. 5 no.6:20-  
21 Je '62. (MIRA 15:7)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye  
strakhovaniye".

(Khakass Autonomous Province—Women as physicians)

KHMELEVA, V. (Karabanovo, Vladimirskoy obl.)

Generous soul. Okhr.truda i sots.strakh. 5 no.10:27-28 0  
'62. (MIRA 15:11)  
(Karabanovo (Vladimir Province)---Textile industry---Hygienic aspects)

KHMELEVA, V.; SHUSHKEVICH, G.

In cooperation with leaders in agriculture. Prof.-tekh.obr. 11 no.3:  
5-6 '54. (MLRA 7:8)

1. Zamestitel' direktora po uchebno-proizvodstvennoy chasti me-  
kasskogo uchilishcha mekhanizatsii sel'skogo khozyaystva (Ul'ya-  
novskaya oblast') (for Shushkevich)

(Ul'yanov Province--Farm mechanization--Study and teaching)  
(Farm mechanization--Study and teaching--Ul'yanov Province)

FILIPPOV, P. (Murmansk); KHMELEVA, V. (Murmansk)

They sit at the sea shore and wait for good weather. Okhr. truda  
i sots. strakh. 5 no.9:33-34 S '62. (MIRA 16:5)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye  
strakhovaniye" (for Khmeleva).

(MURMANSK—FISHERMEN—MEDICAL CARE)

KHMELEVA, V.

On the "Mikhaylovskiy Pereval" State Farm. Okhr. truda i sots.  
strakh. 6 no.10:30-31 0 '63. (MIRA 16:11)

KHMELEVA, V. (Minak)

With the help of an activist group. Okhr. truda i sots. strakh. '7 no.  
2:18-19 F '64. (MIRA 17:12)

CHERNYY, P.; KIDMELEVA, V.I., redaktor; KRYNOCHKINA, K.V., tekhnicheskii redaktor;

[My work practice on an excavator] Moi opyt raboty na ekskavatore.  
Moskva, Vses. uchebno-pedagog. izd-vo Trudreservizdat, 1954. 29 p.  
(Excavating machinery) (MLRA 7:8)

DIKOV, Yuriy; LEVINSON, S.Ya., nauchnyy redaktor; ~~XHMETEVA, V.I.~~ redaktor; KRYNOCHKINA, K.V., tekhnicheskiy redaktor.

[Rapid method] Skorostnyy metodom. Moskva, Vses. uchebno-pedagog. izd-vo Trudreservizdat, 1954. 51 p. (MIRA 8:3)  
(Turning)



PRIVALOV, Mikhail Moiseyevich; KHMELEVA, V.I., redaktor.

[A great honor] Bol'shaia chest'. Moskva, Vses. uchebno-  
pedagog. izd-vo Trudreservizdat, 1955. 158 p. (MLBA 8:7)  
(Steelworkers)

KH MELEVA, V.I.

ZHUKOV, Nikolay Andreyevich; KUL'BACHNYY, N.G. prof., doktor tekhnicheskikh nauk, redaktor; KHMELEVA, V.I., redaktor; KRYNOCHKINA, E.V., tekhnicheskij redaktor

[Steel arteries] Stal'nye arterii. Moskva, Vses. uchebno-pedagog. izd-vo, 1955. 61 p. (MLRA 8:7)  
(Rolling mills)

NEDOSHEKIN, Roal'd Konstantinovich; KHMELEVA, V.I., redaktor; KRYNOCH-  
KINA, K.V., tekhnicheskii redaktor.

[With a diploma] S attestatom zrelosti. Moskva, Vses. uchebno-  
pedagog. izd-vo, 1955. 114 p.  
(Technical education) (MLRA 8:6)

KHMELEVA, Yu.A., kand. tekhn. nauk; ALEKSANDROV, I.I., inzh.

Selecting high-strength cast iron for the pistons of 2D100  
diesel locomotives. Trudy VNITI no.19:199-213 '64.

(MIRA 18:3)

1. Kholmenskiy teplovoznyy zavod imeni Kuybysheva.

SHUBEKO, P.Z.; KHMELEVOY, S.K.; KOLODYAZHNYI, I.V.

High-speed drying of ammonium sulfate in a vortex chamber. Koks i khim.  
no.1:38-40 '63. (MIRA 16:2)

1. Moskovskiy koksogazovyy zavod.  
(Ammonium sulfate—Drying)

GUBANOV, A. G.; LITVINOV, V. V.; SMIRNOV, A. A.; KHMELEVSKAYA, G. A.

Experimental data on the use of porolon for alloplasty. Grud. khir.  
no.4:66-71 '61. (MIRA 14:12)

1. Iz Kiyevskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni  
akademika F. G. Yanovskogo i Nauchno-issledovatel'skogo instituta  
meditsins'koy klimatologii i klimatoterapii imeni I. M. Sechenova  
(Yalta). Adres avtorov: Krym, Yalta, ul. Dzerzhinskogo, d. 48. Institut  
imeni I. M. Sechnova, korp. 12

(~~PLASTICS~~—THERAPEUTIC USE)  
(~~LUNGS~~—SURGERY)

GIL'MAN, A.G.; GOROVENKO, G.G.; SHEVCHENKO, K.A.; SUSLOVA, A.L.;  
KHMELEVSKAYA, G.A.

Comparative study of the status of tuberculosis following pulmonary resection under climatic conditions of the southern shore of the Crimea and the central part of the Ukraine. Probl.tub. no.1:52-60 '62. (MIRA 15:8)

1. Iz khirurgicheskoy kliniki (zav. - prof. A.G. Gil'man) Instituta meditsinskoy klimatologii i klimatoterapii imeni I.M. Sechenova (dir. B.V. Bogutskiy).  
(TUBERCULOSIS) (LUNGS—SURGERY)

LEBEDEVA, T.G. [Lebedieva, T.H.], kand.med.nauk; KHMELEVSKAYA, G.O.  
[Khmelievs'ka, H.O.]

Tuberculosis and infectious lymphocytosis with slight symptoms.  
Ped.; akush. i gin. 23 no.5:24-25 '61. (MIRA 14:12)

1. Klinika detskogo tuberkuleza i kliniko-dagnosticheskoy laboratorii  
instituta meditsinskoy klimatologii i klimatoterapii im. I.M.Sechenova  
(direktor - B.V. Bogutskiy [Boguts'kiy, B.V.], g.Yalta.  
(TUBERCULOSIS) (LYMPHOCYTES)



CA

8

Refractive indices of the homogeneous masses of some  
caustobolites. L. V. Khmel'nykaya. *Mem. soc. russ. minéral.* 67, 365-6 (1938); *Chem. Zentr.* 1939, II, 1458.  
The ss were detd. for pent, brown coal, mineral coal,  
sapropelite and asphaltite especially for use in detg. the  
presence of these materials in minerals. M. G. St

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

CM

Hydrogen and its role in the formation of petroleum.  
L. V. Khamelovskaya. *Izv. Akad. Nauk S.S.S.R., Ser. Geol.* 1957, No. 4, 107-10; *Chem. Zentr.* (Russian Zone Ed.) 1948, I, 830-1.—In the biogenic processes which result in the formation of petroleum a considerable amt. of H is consumed for the hydrogenation of the original substances. Many minerals give off H when heated to approx. 500° owing to the interaction of the water present with Fe minerals. The formation of petroleum must have taken place below the 250° geotherm and H must have diffused from somewhat deeper zones into the petroleum gang. Since under these conditions hydrogenation could occur only in the presence of a catalyst it is assumed that the clay minerals present must have played this role.

At G. Klose

KHMELEVSKAYA, L. V.

USSR/Geological Prospecting  
Petroleum Deposits

Dec 48

"The Problem Concerning the Paragenesis of Titanium  
Organic Carbon, and Several Other Elements," L. V.  
Khmelevskaya, N. G. Morozova, K. I. Taganov, S. M.  
Katchenkov, L. A. Voytshekhovich, All-Union Petro-  
leum Sci Res Geol Prospecting Inst, 3 pp

"Dok Ak Nauk SSSR" Vol LXIII, No 6 p 713

Spectrographic and statistical analysis of 67 sand-  
stones taken from Mezokopskiy, Choktrakskiy, Karagan-  
skiy, and Sarmatskiy deposits in the layer of oil-  
bearing deposits of Gromnenskiy Rayon, Tverskiy  
Oblast. Found that presence of organic carbon,

35/49746

USSR/Geological Prospecting (Contd)

Dec 48

vanadium, manganese, titanium, nickel, barium and  
strontium in various lithologic groups -- sand-silt-  
stone, clay, and carbon -- was not connected ex-  
clusively with any of them. Submitted by Acad D. S.  
Belyankin, 27 Oct 48.

35/49745

Khmelevskaya, L. V.

Khmelevskaya, L. V. "The fossilization of the annelides in the Paleozoic period of the Kara-Tau range in the valley of the Sim River of the Bashkir ASSR", Trudy Vsesoyuz. nauch.-issled. geol.-razved. in-ta, New series, Issue 34, 1949, p. 223-30, with table, - Bibliog: 230. (p.)

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, no 21, 1949).

KHMELEVSKAYA, L.V.

Temperature regime of the Norwegian and Greenland Seas. Trudy  
Inst. okean. 72:167-177 '63. (MIRA 17:8)

28156

S/122/61/000/003/009/013  
D241/D305

1.195D

AUTHORS: Zemskov, G.V., Candidate of Technical Sciences,  
Docent, Smekh, Ye.V., Gushkin, L.K., and Khmelevs-  
kaya, M. Ye., Engineers

TITLE: Ultrasonic cleaning of steel from scales

PERIODICAL: Vestnik mashinostroyeniya, no. 3, 1961, 59-61

TEXT: The authors carried out research on the effect of ultra-  
sonics on cleaning steel wire after drawing and patenting as well  
as on clock files and ordinary files after their hardening in oil.  
Pickling was carried out in a stainless steel bath. The ultrasonic  
vibrations were produced by a valve generator of 2.5 KW and em-  
ploying a band of frequencies of 18 - 50 Kc. Nickel and "permen-  
dure" (K50F2) magnetostrictive vibrators mounted below and on the  
side of the bath produced the vibrations. No effect of frequency  
variation on the speed of etching was observed. The wire was trea-  
ted in bundles, whereas the files were etched in bunches. Use was  
made of the following media: Water, a solution of sulphuric

Card 1/5

28156

S/122/61/000/003/009/013  
D241/D305

Ultrasonic cleaning of steel ...

and hydrochloric acids, their mixtures and solutions of caustic salt and alkalis. The relationship between the time of cleaning and the composition, concentration and temperature of solutions was established. The effect of the number of rows of wire in a bundle was also investigated. For comparison purposes experiments were carried out without the ultrasonics. Fig. 1 illustrates the relationship between the time of etching a patented wire in steel 70 and the concentration of acids. It can be seen from the graphs that the duration of etching is reduced by tens of times, and it reaches the minimum with a concentration that is lower than in normal etching. This allows a less frequent renewal of solutions. The effect of temperature is indicated graphically also. With lower concentrations of acids there is a greater effect of temperature on the speed of etching. The introduction of hydrochloric acid into the sulphuric acid solution increases the speed of pickling and produces a clearer metal surface. The most suitable solutions are the 10% sulphuric or hydrochloric acid with a content of 5% NaCl. The effect of screening due to the number of rows of wire in the bundles is also shown. If the article is preliminarily

Card 2/ 5

28156

Ultrasonic cleaning of steel ...

S/122/61/000/C03/009/013  
D241/D305

treated during 5-10 minutes in a solution of sulphuric or hydrochloric acids and then cleaned by ultrasonics in water, the scales will be removed in 1 - 3 minutes which is a few times slower than in a solution of acid. Cleaning in water promotes rinsing of the etching solution. This can lead to a reduction of brittleness due to hydrogen. The mechanics of ultrasonic removal of scales is then described. There are 4 figures and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

Card 3/5



L 14573-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) IJP(c) MJW/ID/HW/WB/MTH(CL)  
 ACC NR: AP6004167 (N) SOURCE CODE: UR/0114/66/000/001/0034/0035  
 AUTHOR: Zemskov, G. V. (Candidate of technical sciences; Docent); Kogan, R. L. (Candidate of technical sciences; Docent); Kostenko, A. V. (Engineer); Khmelzovskaya, M. Ye. (Engineer) 69  
 ORG: none  
 TITLE: Titanium-silicon and titanium-aluminum coatings of nickel-base alloy 27, 44.55 144.55 27.44.55  
 SOURCE: Energomashinostroyeniye, no. 1, 1966, 34-35  
 TOPIC TAGS: nickel, nickel alloy, nickel alloy coating, titanium silicon coating, titanium aluminum coating, coating oxidation, oxidation resistance, oxidation resistance, coating corrosion, gas corrosion, corrosion resistance/ZhS6-K nickel alloy  
 ABSTRACT: An attempt has been made to improve the resistance of ZhS6-K nickel-base alloy to gas corrosion at 850-900C in an atmosphere containing sulfur and sea-water vapors by means of titanium-silicon and titanium-aluminum diffusion coatings. Coating was done by pack cementation with coating elements used simultaneously or serially. It was found that in simultaneous impregnation, the depth of the diffusion layer decreases with an increase of titanium in the mixture. At a titanium content of 90-95%, mainly titanium diffuses while at a titanium content of 30-35%, silicon or aluminum diffuse. Best results in simultaneous impregnation were obtained at 900C  
 Card 1/2 UDC: 669.65:669.295.001.5

L 14573-66

ACC NR: AP6004167

with a mixture containing 60—80% Ti. The stepwise impregnation produced better results than the simultaneous impregnation, especially when silicon or aluminum were applied first. Both silicon-titanium and aluminum-titanium coatings greatly increased the resistance of ZhS6-K alloy to gas corrosion. In tests at 900C, after 15 hr the uncoated alloy was corroded to a depth of 1000—1500 $\mu$  and coated alloy to a depth of only 100 $\mu$ . Orig. art. has: 4 figures. [ND]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4169

Card 2/2

ACC NR: AP6030864

SOURCE CODE: UR/0365/66/002/005/0576/0580

AUTHOR: Zemskov, G. V.; Kogan, R. L.; Dombrovskaya, Ye. V.; Kostenko, A. V.;  
Shevchenko, I. M.; Koss, Ye. V.; Fadeyeva, E. V.; Khmelevskaya, M. Ye.; Mikotina, N. F.

ORG: Odessa Polytechnical Institute (Odesskiy politekhnicheskiy institut)

TITLE: Protective diffusion coatings of nickel alloy

SOURCE: Zashchita metallov, v. 2, no. 5, 1966, 576-580

TOPIC TAGS: <sup>alloy</sup>nickel chromium alloy, aluminum containing alloy, titanium containing alloy, tungsten containing alloy, ~~alloy~~ protective coating, ~~alloy~~ corrosion resistance, diffusion coating alloy, alloy oxidation resistance/ZhS6-K alloy

ABSTRACT: A series of diffusion coatings were tested for protection of ZhS6-K nickel base alloy (0.13—0.20% carbon, 10.5—12.5% chromium, 5—6% aluminum, 2.5—3% titanium, 2.5—3% tungsten, 4.5—5.5% molybdenum, 0.13—0.20% boron) against gas corrosion in a mixture of products of sulfurous fuel combustion and sea water vapors after all attempts to improve alloy oxidation resistance by alloying failed. Alloy specimens were diffusion coated with one or two elements used simultaneously or one after the other. The coating was done by a pack cementation at 900—1000C for 10 hr. Chromium, aluminum, <sup>1</sup>silicon, <sup>2</sup>titanium, <sup>3</sup>boron, <sup>4</sup>cerium, <sup>5</sup>beryllium and <sup>6</sup>magnesium were used as single-element coatings. Chromium with titanium, silicon, aluminum, or boron; aluminum with boron, cerium, or titanium; titanium with silicon or boron; manganese with boron;

Card 1/4

UDC: 621.793.4

4 9477-6b

ACC NR: AP6030864

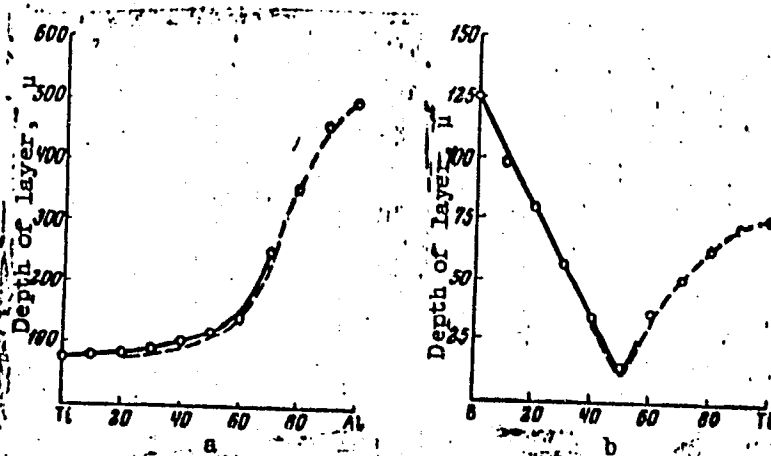
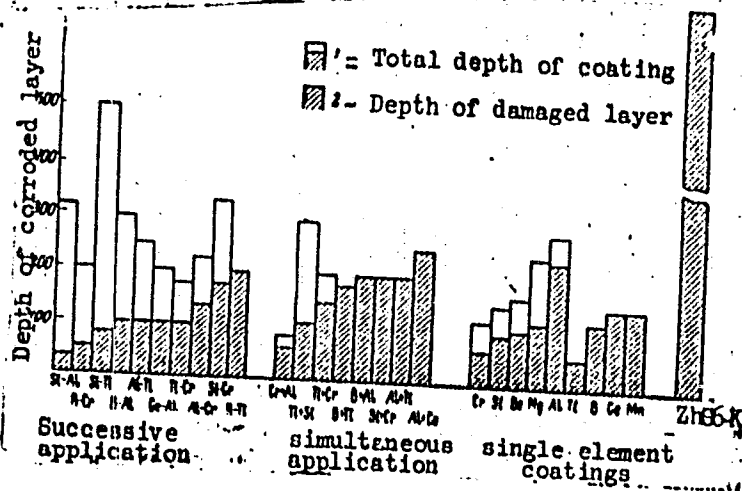


Fig. 1. Dependence of the change of the diffusion layer depth upon the content of elements in the mixture

a - Aluminum-silicon impregnation; b - boron-titanium impregnation.

Card 2/4

L 44077-66  
ACC NR: AP6030864



cerium with boron; and silicon with aluminum were used for binary coatings. Corrosion tests were done in combustion products containing 0.74% and 0.11% sea water at 900C for 15 hr. It was found that all the coatings tested have a higher corrosion resistance than the uncoated alloy (see Fig. 1). Binary coatings protect the alloy more efficiently than single-element coatings, especially with the consecutive method of

Cord 3/4

L 44077-66

ACC NR: AP6030864

0

application. Coatings obtained by this method have a higher concentration of elements and a more uniform structure of the surface layer than the coatings applied by other methods. Orig. art. has: 5 figures. [ND]

SUB CODE: 11, 13/ SUBM DATE: 13Jul65/ ATD PRESS: 5077

*summ*  
Card 4/4

\* Khmelevskaya, N.A.

Country : USSR  
 Category : Soil Science. Physical and Chemical Properties of Soils.  
 Date Jour : Khimiol., No 6, 1959, No 24611  
 Author : Batulin, A. Kh.; Bogdanova, Ye. S.; Popov, A.-A.; Sadovskaya, L. V.; Yilimova, Z. G.; Khmelevskaya, N. A.; Shitark, P. A.  
 Inst : All-Union Chemical Society Inst. D. I. Mendeleev  
 Title : The Contents of Boron, Cobalt, Copper, Molybdenum, Nickel, Manganese and Fluorine in Certain Soils of the Sverdlovsk Region in Chkalovskaya Oblast.  
 Orig Pub : Vest. Chkalovskogo obl. st. Vses. khim. o-va im. D. I. Mendeleeva, 197, 197-7, 7-9  
 Abstract : Determination of the microelements was conducted in the arable and subarable horizons of chernozem soils under different cultivations.  
 Card : 1/3

Abstract : Analyses were conducted according to the method of the Institute of Geochemistry and Analytical Chemistry AS USSR. The contents of the microelements fluctuate percentagewise: B, 0.0003-0.0011; Co, 0.0004-0.00045; Cu, 0.0003-0.0011; Mo, 0.0001-0.006; Ni, 0.00004-0.00064; Mn, 0.0027-0.0064; P, 0.0013-0.001. The quantity of the microelements in the investigated soils corresponds to their average content in the chernozem soils of the USSR.  
 — M. N. Rud'yantsev

Card : 2/3

26

Orig. Pub :

Abstract : stigated soils corresponds to their average content in the chernozem soils of the USSR.  
 — M. N. Rud'yantsev

Card : 3/3

KHMELEVSKAYA, N.V.

Biology of the Altaian pika (*Ochotona alpina* Pallas). Zool. zhur.  
40 no.10:1583-1585 0 '61. (MIRA 14:9)

1. Biologico-Pedological Faculty, State University of Moscow.  
(Kara-Koksha Valley--Pikas)



KHMELEVSKAYA, N.V.

Structure of the rodent hair cuticle, its variability and its  
significance for systematics. Zool. zhur. 44 no.7:1064-1074  
'65. (MIRA 18:9)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo  
universiteta.

KRUPKO, I.L., prof.; KHMELEVSKAYA, S.L.

Disorders of the internal meniscus of the knee joint in children.  
Vest. khir. no.10:100-101 '64. (MIRA 19:1)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.  
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni  
Kirova.

ZHUKOV, P. P., kand. med. nauk; KHMELEVSKAYA, S. L.

Ruptures of the anterior cruciform ligament and injuries associated  
with it. Vest. khir. no.12:66-71 '61. (MIRA 15:2)

1. Iz kliniki travmatologii i ortopedii (nach. - prof. I. L.  
Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S. M.  
Kirova.

(KNEE—WOUNDS AND INJURIES)

GORSHKOV, V.S., kand.tekhn.nauk; KHMBLEVSKAYA, T.A., inzh.

Study of the hydration of the minerals in slags. Sbor.  
trud. VNIINSM no.2:75-129 '60. (MIRA 15:1)  
(Hydration)  
(Slag)

GORSHKOV, V.S.; KHMELEVSKAYA, T.A.

Formation of sulfide compounds in types of slag. Sbor. trud.  
VNIINSM no.4:22-27 '61. (MIRA 15:2)

(Sulfides)  
(Slag)

GONSHKOV, V.S.; KHELEVSKAYA, T.A.

Determination of changes in the linear deformations of hardened  
clinker minerals and cements when heated by a method of complex  
thermal analysis. Sbor. trud. VNIINSM no.4:77-87 '61. (MIRA 15:2)  
(Cement clinkers--Testing)  
(Cement--Testing)

GORSHKOV, V.S.; BUBENIN, I.G.; KHMELEVSKAYA, T.A.

Interaction of calcium chloride and gypsum with clinker  
minerals and cements. Trudy ~~NAKHTI~~ no.36:111-115 '61. (MIRA 15:7)  
(Cement—Testing) (Lime, Chloride of) (Gypsum)

GORSHKOV, V.S., kand. tekhn. nauk; KHMELEVSKAYA, T.A., inzh.

Effect of the mineralochemical composition of blast and open-hearth dump slags on their binding properties. Sbor. trud. VNIINSM no.8:17-35 '63. (MIRA 17:9)



FLID, R.M.; ALEKSEYEVA, N.F.; KHMELEVSKAYA, T.G.; GAYDAY, N.A.

Kinetics of liquid-phase hydrochlorination of acetylene in the presence of cuprous chloride. Kin. i kat. 4 no. 5:698-705 S-0 '63. (MIRA 16:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

KHMELEVSKAYA, V.N.; YAKIMENKO, L.V.

Use of iron ionophoresis in the radiotherapy of pigmentary  
tumors. Uch.zap. KHROI 7:84-89'61. (MIRA 16:8)  
(MELANOMA) (X RAYS—THERAPEUTIC USE) (IRON—THERAPEUTIC USE)

L 29601-66 WW

ACC NR: AP6014226

SOURCE CODE: UR/0115/66/000/003/0042/0044

AUTHOR: Svet, D. Ya.; Naryshkin, S. P.; Khmelevskaya, Ye. A.

ORG: none

TITLE: Using relative spectrereflectometry to measure true temperatures

SOURCE: Izmeritel'naya tekhnika, no. 3, 1966, 42-44

TOPIC TAGS: temperature measurement, reflectometer

ABSTRACT: A method is proposed for using relative modulation reflectometry for measuring true temperature and simultaneously determining the radiating (reflecting) power of the emitting surface. The spectral radiance of the surface is determined from the coefficient of reflection for spectral sections in which the corresponding brightness or color temperatures for the surface are simultaneously measured. A specially designed reflectometric installation was used for application of this method to determining the true temperatures and coefficients of spectral radiating power for pure metal in the molten and solid state. Diagrams of the experimental setup are given and the method used for calibrating the instrument is discussed.

Card 1/2

UDC: 535.853:536.5

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722110012-5"

L 29601-66

ACC NR: AP6014226

Use of relative modulation reflectometry for measuring the true melting points of pure iron, nickel, cobalt and palladium gave results with an error of less than 1%. The specially developed installation was used for measuring the true temperatures of these same metals as well as those of molybdenum and tungsten in the solid state. The method may theoretically be used for determining the true temperature of a surface with a radiating power which changes arbitrarily during measurement. A natural source of error in the use of this method is the difference in the coefficients of reflection with a change in the direction of the incident and reflected rays. This effect may be eliminated by reversing the optical system, i.e. interchanging the outside light source and the receiver by rotating the entire reflectometer system in the horizontal plane through 180°, or by using angles of incidence and reflection close to zero, which is also practically feasible. Orig. art. has: 2 figures, 11 formulas.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 003

Card 2/2

KIMELEVSKAYA, Ye.D.

Using cold models in studying the hydrodynamics and mass transfer  
between molten slag, metal and gas stream. Ispol'. tverd. topl.,  
ser. maz. i gaza no. 5:193-219 '64 (MIRA 19:2)

L 00760-67 EWP(m)/EWT(1)/EWT(m)/EWP(t)/ETI IJP(o) CG/WW/JD  
 ACC NR: AP6023208 SOURCE CODE: UR/0020/66/168/006/1307/1310  
 AUTHOR: Khmolevskaya, Ye. D.; Chukhanov, Z. P. (Corresponding member AN SSSR) 56  
 ORG: Power Engineering Institute im. G. M. Krzhizhanovskiy (Energeticheskiy Institut) 55  
 TITLE: Investigation of hydrodynamics and mass exchange between a "sharp" gas jet and a liquid 21  
 SOURCE: AN SSSR. Doklady, v. 168, no. 6, 1966, 1307-1310  
 TOPIC TAGS: gas jet, hydrodynamics, mass exchange, *FLUID SURFACE*  
 ABSTRACT: The author considers interaction between a liquid and a gas jet which depresses the surface of the liquid. A double-jet model is proposed in which a forward jet is propagated from the nozzle and a reverse jet flows in the tapered annular channel formed by the expanding forward jet on the inside and by the surface of the liquid in the depression on the outside. Due to pulsations and vorticity of the surface, some gas bubbles and liquid drops may be formed at the interface between the liquid and the reverse gas jet. Even when blowing conditions are held constant, variations are observed in the width and depth of the depression which average  $\pm 5\%$  and may reach  $\pm 50\%$ . The following empirical equations were derived for the upper and lower diameters of the depression:  $D_1/d = 1 + 0.305(h/d)^{0.96}$  and  $D_2/d = 1 + 0.67(h/d)^{0.85}$ . It was found on the basis of these equations that the apex angle is  $14-18^\circ$  for the forward jet and  $5-20^\circ$  for the

Card 1/2

UDC: 536.246+532.023.03

L 00760-67

ACC NR: AP6023208

reverse jet depending on the relative depth of the depression. Experimental curves are given for the depth of the depression, average diameter, velocity and Reynolds number for the reverse jet as functions of the gas jet velocity at the outlet of a 2.2 mm nozzle. An increase in gas velocity expands the depression but causes very little change in the velocity of the reverse jet. Experimental data are given from a study of mass exchange for absorption of ammonia by water. The results show that vorticity of the walls of the depression may increase the mass-exchange surface by a factor of 1.5-2. Experimental data show that the transfer function  $\phi$  can be given in terms of the Archimedes number  $Ar = w_{gas}^2 \rho_{gas} / g \rho_{liq}$  by the equation  $\phi = 0.15 Ar^{-0.71}$ . Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 21Jan66/ ORIG REF: 006/ OTH REF: 001

Card 2/2

KHMELEVSKAYA, E. M.

USSR/ Miscellaneous - Literature

Card 1/1 : Pub. 124 - 29/38

Authors : Khmelevskaya, E. M.

Title : Pushkin and Ukrainian literature

Periodical : Vest. AN SSSR 8, 101-103, Aug 1954

Abstract : Minutes of the 6-th All-Union Pushkin Club Conference held June 1954, in Leningrad celebrating the 300-th anniversary of annexation of the Ukraine to Russia. The contributions of Pushkin to Ukrainian-Russian literature were discussed.

Institution : .....

Submitted : .....

30(6)

AUTHOR:

Khmelevskaya, Ye. M.

SOV/30-58-11-44/48

TITLE:

Turgenev Days (Turgenevskiye dni)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1958, Nr 11, pp 133-134 (USSR)

ABSTRACT:

On September 3, 1958, 75 years had passed since the death of Turgenev and on November 9, 140 years since his birth. On this occasion a scientific meeting was held in Orel, where Turgenev was born. It had been organized by the Orlovskiy gosudarstvennyy muzey I. S. Turgeneva i Institut russkoy literatury (Pushkinskiy Dom) Akademii nauk SSSR (I. S. Turgenev State Museum in Orel and the Institute of Russian Literature (Pushkin House) of the AS USSR). Present at the meeting were Soviet literary historians and writers as well as foreign linguists from France, England, the Netherlands, Poland, Bulgaria, Czechoslovakia, and the German Democratic Republic, who had participated in the Fourth International Congress of Slavists in Moscow. Opening speeches were held by I. G. Erenburg and a number of foreign participants, stressing the importance of Turgenev as a humanist writer, artist of the word and representative of classical Russian literature. 25 scientific

Card 1/2



SOV/30-58-11-44/48

Turgenev Days

reports and communications were given at the meeting. Amongst others, reports were given by: M. P. Alekseyev, Member, Academy of Sciences, USSR, on the studies made of Turgenev's works all over the world. V. V. Vinogradov, Member, Academy of Sciences, USSR, on I. S. Turgenev and the school of the young Dostoyevskiy. A. I. Beletskiy, Member, Academy of Sciences, USSR, on Turgenev and Ukrainian literature. Yu. G. Oksman, Professor, on new aspects of the study of Turgenev's works. L. P. Grossman, Professor, on the influence of the dramatic works of Turgenev upon the development of outstanding Russian actors. V. G. Natadze, A. I. Ioannisian on the influence of the works of Turgenev upon the development of the literature of Georgia and Armenia. Ye. I. Kozhukhova, Director of the I. S. Turgenev State Museum in Orel, on the work of the Museum in the course of 40 years. In 1921, a branch of the Museum was established on the estate of Turgenev, Spasskoye-Lutovino. In 1957, another branch of the Museum, the Museum of Orel Writers was opened in Orel, which is dedicated to T. N. Granovskiy, N. S. Leskov, L. N. Andreyev, D. I. Pisarev, I. A. Bunin and M. M. Prishvin. The Museum published compendia concerning the life and work of Turgenev and holds scientific conferences and meetings.

Card 2/2

KIMELEVSKAYA, Z.I.

Case of prolonged course of metastatic hemangioendothelioma.  
Med.rad. 9 no.9:43-45 S '64. (MIRA 18:4)

1. Rentgenoterapevticheskiy otdel (zav. I.A.Peraslegin) Nauchno-  
issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva  
zdravookhraneniya RSFSR.

МИЛ'КОВА, Ye.M. (Moskva); КИСЕЛ'УШКАЯ, Z.I. (Moskva)

Radiotherapy of the pulmonary form of lymphogranulomatosis.  
Trudy TSentr. nauch.-issl. inst. rentg. i rad. ll no.1:201-  
207 '64. (MIRA 18:11)

1. A. KHMELEVSKIY
2. USSR (600)
4. Bearings (Machines)
7. Arrangement for grinding main bearings in engine blocks. MTS 12  
no. 11. 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KHMELEVSKIY, A.A., inzh.-gidrogeolog

Manufacture of filters for water intake wells in a plant. Gidr.  
i mel. 17 no.4:57-58 Ap '65. (MIRA 18:5)

1. Goszemvodkhoz SSSR.

57-28-6-31/34

AUTHORS: Agrest, M. M., Maksimov, M. Z., Khmelevskiy, A. K.

TITLE: The Determination of the Solid Angle Formed by a Circular Target With Respect to the Point Source (Opredeleniye telesnogo ugla, obrazovannogo krugloy mishen'yu otnositel'no tochechnogo is tochnika)

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 6, pp. 1345 - 1348 (USSR)

ABSTRACT: In the present work the authors developed a final and accurate formula for the determination of the solid angle formed in space with respect to any point. In spherical coordinates the required solid angle is expressed in the case  $p > R$  by the formula

$$\Omega = \frac{1}{2\pi} \int_0^{\varphi_2} d\varphi \int_{\theta_1}^{\theta_2} \sin\theta d\theta.$$

Card 1/3

Calculation of  $\Omega$  is rendered considerably more simple if the

The Determination of the Solid Angle Formed by a  
Circular Target With Respect to the Point Source

57-28-6-31/34

table for total elliptical integrals of the 3. kind  $II(n, k)$ , if  $k^2 < n < 1$ , as developed by Heuman (Reference 7) is used.  $\Omega$  is determined according to the following formula:

$$\Omega = \frac{1}{4} - \frac{\sqrt{1 + \mu}}{2\pi \sqrt{1 + \mu^2}} K(k) + \frac{\mu - 1}{4 |\mu - 1|} \left\{ \Lambda(\gamma, \delta) - 1 \right\}$$

The formulae obtained can be used in calculation of the share of radiation of surface emitters on a round detector. Especially the share of radiation of the inner surface of the hollow cylinder with the radius  $R$  and the height  $H$ , which impinges upon a target of the same radius with the center on the cylinder axis and which is located at a distance  $d$  from its upper base, can be determined according to the formula

$$\eta = \frac{1}{2} + \frac{2R}{\pi H} \left\{ \frac{1}{k_0} E(k_0) - \frac{1}{k_1} E(k_1) \right\}$$

Card 2/3

There are 1 figure and 7 references, 2 of which are Soviet.

The Determination of the Solid Angle Formed by a  
Circular Target With Respect to the Point Source

57-28-6-31/34

ASSOCIATION: Fiziko-tekhnicheskoy inst. AN Gruzinskoy SSR (Institute of  
Physics and Technology, AS Georgian SSR)

SUBMITTED: May 10, 1956

1. Radiation---Mathematical analysis

Card 3/3



KHMELEVSKIY, A. V.

Peredelka zapadnoevropeiskikh parovozov na koleiu SSSR. Moskva,  
Transzheldorizdat, 1944. 38 p. illus.

Remodeling West-European locomotives for the gages of the USSR.  
DLC: TF244.K5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of  
Congress, 1953.

*KHMELEVSKIY, A.V.*

BLINOV, Ivan Petrovich, geroy sotsialisticheskogo truda; KHROMCHENKO,  
I.A.; *KHMELEVSKIY, A.V.*, inzhener, redaktor; KANDYKIN, A.Ye.,  
tekhnicheskij redaktor;

[Running fast heavy load trains] Skorostnoe vozhdenie tiashelo-  
vesnykh poezdov. Moskva, Gos.transp.shel-dor.isd-vo, 1954. 86 p.  
(Railroad--Freight ) (MLRA 9:1)

KHMELEVSKIY, A. V.

KHMELEVSKIY, A.V., inzhener; SHIRMAN, A.N., inzhener, redaktor.

[Locomotives; equipment and operation] Parovozy; ustroistvo i  
obslushivanie. Moskva, Gos. transp. shel-dor. ind-vo, 1954.  
439 p. (MIRA 7:8)

(Locomotives)

KHMELEVSKIY, A.Y., inzhener; TSELISHCHEV, P.A., inzhener, redaktor;  
KHITROV, P.A., tekhnicheskiy redaktor.  
[Locomotives; equipment and operation] Parovozy; ustroistvo  
i obsluzhivanie. Izd. 2-e, perer. i dop. Moskva, Gos. transp.  
shel-dor. izd-vo, 1955. 495 p. (MLRA 9:4)  
(Locomotives)

KHMELEVSKIY, A.V., inzh.

Nature of the wear and installation of crankshafts. Elek.i tepl.  
tiaga 5 no.4:18-21, 3 of cover Ap '61. (MIRA 14:6)  
(Diesel locomotives) (Crankshafts and crankshafts)

KHMELEVSKIY, A.V., inzh.

Wear and damage of the crankshafts and wear of the bushings of the  
2D100 diesel engine. Trudy TSNII MPS no.230:19-45 '62. (MIRA 15:17)  
(Diesel locomotives) (Diesel engines)

KHMELEVSKIY, A.V., inzh.

Selecting the permissible wear limits of the crankshafts and  
bearings of diesel locomotive engines. Vest. TSNII MPS 22  
no.4:28-32 '63. (MIRA 16:8)

(Diesel locomotives—Maintenance and repair)

1 12032-45 INT(1)/EWA(h) Pub

TITLE: Decima. counter with variable scaling modulus. Class 44. 1965. 17

СОВЕТСКИЙ ЗАКОНОДАТЕЛЬНО-ПРАВОВОЙ АКТ, № 7, 1968, 13'

is completely free from chatter and delay time. The valves and register

CVI:

ADD. 1. 1. 1.

SUBMITTED: 2/2/63

OTHER : 500

NO. 1000



*KHMELEVSKIY, B.N.*

ZAMAKHOVSKAYA, Aleksandra Grigor'yevna; LAPINA, Nina Vladimirovna;  
~~KHMELEVSKIY, B.N.~~; redaktor; MELIDOVA, B.S., redaktor izdatel'stva;  
TIKHONOVA, Ye.A., tekhnicheskij redaktor

[Planning and analyzing cost of ship repairs in shops of the  
Ministry of the Merchant Marine] Planirovanie i analiz sebestoimosti  
sudoremonta na zavodakh Ministerstva morskogo flota. Moskva, Izd-vo  
"Morskoi transport," 1956. 125 p. (MIRA 10:7)  
(Ships--Maintenance and repair)

GINZEURG, A.G.; GOLOSHCHAPOV, Yu.N., red ; KHMELEVSKIY, B.N., red.;  
SOKOLOVA, N.N., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[What should the collective-farm chairman and the state-farm  
director know about veterinary regulations of the U.S.S.R.]  
Chto nuzhno znat' predsedateliu kolkhoza i direktoru sov-  
khoza o veterinarnom ustave SSSR. Pod red. IU.N.Goloshchapova.  
Moskva, Sel'khozizdat, 1962. 63 p. (MIRA 15'6)  
(Veterinary hygiene—Law and legislation)

TOMME, M.F., prof., red.; KHMELEVSKIY, B.N., red.; TRUKHINA, O.N.,  
tekhn. red.

[Carbamide in the feeding of ruminants] Karbamid v kormlenii  
zhivachnykh zhiivotnykh. Pod obshchei red. M.F.Tomme. Moskva,  
Sel'khozizdat, 1963. 246 p. (MIRA 16:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.  
V.I.Lenina, 2. Chlen-korrespondent Vsesoyuznoy akademii sel'-  
skokhozyaystvennykh nauk im.V.I.Lenina (for Tomme).

(Cattle--Feeding and feeds)

(Sheep--Feeding and feeds) (Urea as feed)

KHMELEVSKIY, B. P.

POZHIDAYEV, N.N.; SERGEYEV, V.Ya.; KHMELEVSKIY, B.P., dotsent,  
kandidat tekhnicheskikh nauk; MEN'KOV, V.G., dotsent;  
KOFMAN, D.M., kandidat tekhnicheskikh nauk.

Response to M.P.Gorbachev, V.S.Kudriavtseva, and T.A.  
Frolovaia's review of N.I.Truevtsev's book "Mechanical  
technology of fibrous materials". Tekst.prom. 15 no.1:  
50-54 Ja '55. (MIRA 8:2)

1. Zaveduyushchiy kafedroy materialovedeniya Kiyevskogo  
tekhnologicheskogo instituta legkoy promyshlennosti (for  
Pozhidayev). 2.Glavnyy inzhener fabriki tekhnicheskikh  
sukon kombinata im. Tel'mana (for Sergeyev). 3.Preпода-  
vatel' Leningradskogo tekstil'nogo instituta (for Khme-  
levskiy, Men'kov and Kofman).  
(Truevtsev, N.I.)(Textile industry)

KHMELEVSKIY, D.I.

Dynamics of some somatic indices in the process of treating mental patients with stelazine. Vop.klin., patcg. i lech. shiz. no.1:149-151 '64. (MIRA 18:5)

1. Otdel psikhofarmakologii (zav. - kand.med.nauk G.Ya.Avrutskiy)  
Gosudarstvernogo nauchno-issledovatel'skogo instituta psikiatrii  
Ministerstva zdravookhraneniya RSFSR.

KHMELEVSKIY, G., inzh.-polkovnik, dotsent, kand.tekhn.nauk

Ways of delivering a strike to a target. Voen. znan. 37 no.9#22-23  
S '61. (MIRA 14:9)

(Projectiles)

KHMELEVSKII, G. V.

AIR

Armament

O Vybere Aviatsionnogo Oruzhiia dlia Doistviia po Broneseliu  
(On the Selection of an Aircraft Weapon for Action Against Armored  
Targets). G. V. Khmelevskii. The fundamental conditions necessary for  
efficient attack against armored targets on the ground are outlined as  
a guide to the airplane designer and as an aid to the pilot in selecting  
a definite method of attack. Ranges, firing, and pull-out altitudes are  
tabulated for a FW 190 airplane at various diving angles, flight  
velocities, and loads. From this table a graph is constructed, showing  
the variation of the mean firing range in relation to the diving angle.  
The impact velocity and armor-piercing characteristics of projectiles of  
15-mm. and 20-mm. caliber, fired from automatic weapons of the MG-151  
type against armor plate of various thicknesses, are computed from  
ballistics tables compiled by the Soviet Air Force Academy and by  
De Marre's formula. The data calculated by the writer are applied to  
problems of armament selection and tactical employment of aircraft.  
Tekhnika Vozdushnogo Flota, February, 1945, pp. 26-28, 38, 4 illus.

AUTHORS: Plotnikova, G., Post-graduate Student, S/029/60/000/04/013/032  
Khmelevskiy, I., Post-graduate B008/B102  
Student, Both at the Institute of  
Mechanics, AS USSR

TITLE: On the Competition for the Lenin Prize. Outstanding Work in the  
Field of the Theory of Stability

PERIODICAL: Tekhnika molodezhi, 1960, Nr 4, p 11 (USSR)

TEXT: In this article the authors give an account on the work by the late  
scientist Nikolay Gur'yevich Chetayev (deceased October 1959), Corresponding  
Member Akademii nauk SSSR (Academy of Sciences, USSR) in the field of the theory  
of stability. In the Twenties, N. G. Chetayev began to further develop the  
methods of Aleksandr Mikhaylovich Lyapunov who in 1892 solved the general problem  
of stability of motion. He established the theory of aeroplane stability, solved  
numerous problems concerning the stability of motion of gyroscopes, projectiles  
and rockets. Furthermore, N. G. Chetayev devoted much work to the investigation  
of various problems in theoretical mechanics, and especially, to the optical-  
mechanical analogy. The problem of the analogy between theoretical mechanics  
and wave optics has been set already in the middle of the 19th century. 100 years  
later it was solved by Chetayev after Einstein's suggestion. He stated that the  
equations of wave optics are similar to the equations which describe the motion

Card 1/2



On the Competition for the Lenin Prize.  
Outstanding Work in the Field of the Theory of  
Stability

S/029/60/000/04/013/032  
B008/B102

of stable systems. Chetayev developed an intensive pedagogical activity. The Kazanskiy aviatsionnyy institut (Kazan' Aviation Institute) was founded thanks to his initiative. Since 1940 he lectured at Moskovskiy universitet (Moscow University) and supervised the work in the field of theoretical mechanics at the Institut mekhaniki Akademii nauk SSSR (Mechanics Institute of the Academy of Sciences, USSR). A number of papers written by him in the field of stability of motion and theoretical mechanics was recommended to be entered in the Lenin prize competition.

ASSOCIATION: Institut mekhaniki AN SSSR (Mechanics Institute of the AS USSR)

Card 2/2

FILIMONOV, F. (g. Vol'sk); KHMELEVSKIY, I., matematik

Secret of the Sargasso Sea. Tekh.mol. no.1:24-25 '61.

(MIRA 14:3)

(Sargasso Sea) (Moon, Theory of)

PLOTNIKOVA, G., aspirant; KHMEL'EVSKIY, I., aspirant

Outstanding works on the theory of stability. Tekh.mol. 28  
no.4:11 '60. (MIRA 13:11)

1. Institut mekhaniki AN SSSR.  
(Stability) (Chetaev, Nikolai Gur'evich, 1902-1959)

MAYZLIN, L.A. [author]; KHMEL'EVSKIY, I.K. redaktor.

[Planning in the textile industry] Planirovanie v tekstil'noi promyshlennosti. Pod red. I.K.Khmelevskogo. Moskva, Gos. izd-vo Ministerstva legkoi i pishchevoi promyshl., 1953. 150 p. (KIRA 6:11)  
(Textile Industry)